

Abstract of the Disclosure

- 5 Many integrated circuits require a multilayer structure which contains layer of an organic or polymeric material with a patterned metallic layer on it. Laser patterning has many favourable characteristics but it also damages the organic or polymeric material. A novel method is disclosed that makes possible laser patterning of conductive metal electrode deposited on top of an organic and/or
- 10 polymeric material without significant ablation of the organic and/or polymeric material. The method can achieve higher patterning resolution, resulting in higher quality integrated circuits. The method is based on the application of a thin coating of an inexpensive anti-reflector deposited on top of the desired metal electrode which in turn lies on the organic and/or polymeric material. The thin anti-
- 15 reflecting coating allows the use of a lower fluence laser for ablation of metal layer without damaging the underlying organic and/or polymeric material.